

**Flood Control Project Maintenance
Levee Inspections**

Fall 2014 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

ST0007	Overall LMA Rating	Total LMA Miles						
Sacramento Maintenance Yard Putah Creek	U	16.33						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	10.26	0.03	10.38	63.56%				
Trim / Thin Trees	0.01		0.01	0.06%				
Encroachments	0.18		0.18	1.10%	0.94	1.74		
Animal Control	0.53		0.53	3.25%				
<i>Supplemental</i>								
USACE Erosion Survey	0.02		0.02	0.12%				
DWR UCIP Field Study					0.18			
<i>LMA Totals:</i>	11.00	0.03	11.12	68.09%	1.12	1.74	0.00	0.00
Unit No. 01 Putah Creek or North Levee LB	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
ST0007	M *	8.79						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.05	0.03	0.17	1.94%				
Encroachments					0.71	1.59		
Animal Control	0.27		0.27	3.07%				
<i>Supplemental</i>								
USACE Erosion Survey	0.02		0.02	0.23%				
DWR UCIP Field Study					0.10			
<i>Unit Totals:</i>	0.34	0.03	0.46	5.24% *	0.81	1.59	0.00	0.00
Unit No. 02 Putah Creek or South Levee RB	Overall Unit Rating	Total Unit Miles						
ST0007	U	7.55						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	10.21		10.21	135.32%				
Trim / Thin Trees	0.01		0.01	0.13%				
Encroachments	0.18		0.18	2.39%	0.23	0.15		
Animal Control	0.26		0.26	3.45%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.08			
<i>Unit Totals:</i>	10.66	0.00	10.66	141.28%	0.31	0.15	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2014 Levee Inspection Results

Sacramento Maintenance Yard Putah Creek

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2014 Levee Inspection Results

Sacramento Maintenance Yard Putah Creek

Waterway			Bank	Unit Miles
Unit No. 01 Putah Creek or North Levee			Left	8.79
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	04/14/2014 - 04/14/2014		10/14/2014 - 10/14/2014	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			°	
				°	
DWR ID	DWR_ST0007_01_s_2013_25				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has a copy of the O&M Manual.					

No Photos

LM Start		Rating **	A	Issue No.	26
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	
				°	
DWR ID	DWR_ST0007_01_s_2013_26				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has adequate emergency supplies stored.					

No Photos

LM Start		Rating **	A	Issue No.	27
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			°	
				°	
DWR ID	DWR_ST0007_01_s_2013_27				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard trains yearly for flood fighting.					

No Photos

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	22
LM End	8.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.523655 °	38.523893 °
				-121.631435 °	-121.781997 °
DWR ID	DWR_ST0007_01_f_2014_22				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	8.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.523655 °	38.523893 °
				-121.631435 °	-121.781997 °
DWR ID	DWR_ST0007_01_f_2014_24				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Slopes well maintained from 0.00 to 8.81.					

Photo 1 of 1 : FA_2014_ST0007_282_24_20141126_00006.jpg



Putah Creek Unit 1 looking downstream along landside levee slope at levee mile 0.00 to levee mile 8.81.

LM Start	0.04	Rating **	M	Issue No.	11
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.523119 °	38.521968 °
				-121.631356 °	-121.631519 °
DWR ID	DWR_ST0007_01_f_2014_11				
Action/Comments					
Inspector Comments: 2011 - Old cobble site is unraveling, likely causing the toe of the bank to become unstable. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: PUC_0-1_L]					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	0.30	Rating **	M	Issue No.	28
LM End	0.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.520126 °	38.520009 °
				-121.633869 °	-121.634365 °
DWR ID	DWR_ST0007_01_f_2012_28				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.89	Rating **	C	Issue No.	29
LM End	1.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.518911 °	38.517631 °
				-121.644169 °	-121.647637 °
DWR ID	DWR_ST0007_01_f_2012_29				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.02	Rating **	C	Issue No.	40
LM End	1.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.518056 °	38.516984 °
				-121.646456 °	-121.649291 °
DWR ID	DWR_ST0007_01_s_2014_40				
Action/Comments					
Equipment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	1
LM End	1.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.517110 °	38.517110 °
				-121.648844 °	-121.648844 °
DWR ID	DWR_ST0007_01_f_2014_1				
Action/Comments					
Inspector Comments: FS_ID:33403 EP_NO: 10262 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump is disconnected from pipe and could cause backflow at highwater event. Can't see size of pipe sleeved through 24-inch pipe. FIELD_STRUCT_DESC: 24-inch pipe through levee 12.5 feet below crown with concrete headwalls at both ends. A 18-inch pipe is sleeved through the 24-inch pipe with annular space sealed at both ends. (ABO No. 10262 - PG&E) PVC Sleeved December of 2007. FS Date: 4/10/2014 2:48:37 PM					

No Photos

LM Start	1.51	Rating **	U	Issue No.	10
LM End	2.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515322 °	38.517376 °
				-121.654387 °	-121.676054 °
DWR ID	DWR_ST0007_01_s_2012_10				
Action/Comments					
Ditch					
Inspector Comments: This agriculture ditch is owned by Dos Rios Farms. Ending at levee mile 2.72 landside.					

Photo 1 of 1 : FA_2014_ST0007_282_10_20141008_00003.jpg



Agriculture ditch within 10-foot of levee toe landside. Photo taken 4-14-2014.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	2.11	Rating **	M	Issue No.	9
LM End	2.17	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515798 °	38.515863 °
				-121.666497 °	-121.667445 °
DWR ID	DWR_ST0007_01_s_2012_9				
Action/Comments					
Ditch					

No Photos

LM Start	2.18	Rating **	M	Issue No.	8
LM End	2.22	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515800 °	38.515860 °
				-121.666500 °	-121.667345 °
DWR ID	DWR_ST0007_01_s_2012_8				
Action/Comments					
Ditch					

No Photos

LM Start	3.28	Rating **	M	Issue No.	2
LM End	3.28	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.519731 °	38.519731 °
				-121.685681 °	-121.685681 °
DWR ID	DWR_ST0007_01_f_2014_2				
Action/Comments					
Inspector Comments: FS_ID:33390					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Old pipe and concrete hauled to county dump.					
Evidence of the 14-inch pipe is no longer present at site. See new picture.					
FIELD_STRUCT_DESC: 10-inch irrigation line through the levee. Pipe terminates at standpipe approximately 500 feet south of levee. Mobile pumping plant located in floodway at edge of stream 740 feet south of levee.					
FS Date: 4/10/2014 2:42:33 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	3.31	Rating **	U	Issue No.	4
LM End	3.69	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.519831 °	38.520011 °
				-121.686263 °	-121.689552 °
DWR ID	DWR_ST0007_01_s_ 2013_4				
Action/Comments					
Fence Inspector Comments: No permit for this wire fence waterside levee slope.					

Photo 1 of 1 : FA_2014_ST0007_282_4_20141126_00007.jpg



Wire fence within 10-foot easement waterside levee slope.

LM Start	5.67	Rating **	M	Issue No.	3
LM End	5.67	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.518250 °	38.518250 °
				-121.727685 °	-121.727685 °
DWR ID	DWR_ST0007_01_f_ 2014_3				
Action/Comments					
Inspector Comments: FS_ID:33367 EP_NO: 14140 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Air vent broken off on water side shoulder. Also, no flap gate or other positive closure device on either side of levee. No requirement in permit for applicant to install positive closure device, but it may be necessary if maintenance or upgrade is performed on pipe. FIELD_STRUCT_DESC: 6" PVC pipe though levee 16' FBC. 24" stand pipe with pump on land side. Pipe outfalls at creek with rip-rap. FS Date: 4/10/2014 2:35:30 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	6.61	Rating **	M	Issue No.	6
LM End	6.61	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.518120 °	38.518120 °
				-121.744570 °	-121.744570 °
DWR ID	DWR_ST0007_01_f_2014_6				
Action/Comments					
Inspector Comments: FS_ID:33347					
EP_NO: 10820					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Sign on LS bent over and broken. New signs need to be installed locating pipe that indicate a gas line crossing. The broken or missing signs do not indicate gasline, only owner info. Owner is Calpine NRG Scott Vickers 707-249-9211. Supervisor will call phone number and ask for new signs to be installed.					
FIELD_STRUCT_DESC: 4-inch gas pipeline through the levee 2 feet below the crown. (App. No. 10820 - Dow Chemical)					
FS Date: 4/10/2014 2:28:50 PM					

No Photos

LM Start	6.76	Rating **	M	Issue No.	5
LM End	6.84	Issue Type +	En	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.517746 °	38.517647 °
				-121.747220 °	-121.748679 °
DWR ID	DWR_ST0007_01_s_2012_5				
Action/Comments					
Fence					
Inspector Comments: This fence has been in the area for many years.					
Levee mile 6.70-6.84 landside within10-foot of easement.					

Photo 1 of 1 : FA_2014_ST0007_282_5_20141126_00008.jpg



Fence at levee mile 6.76 to 6.84 landside within 10-foot of landward toe.
Not a new encroachment.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	6.83	Rating **	M	Issue No.	37
LM End	6.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.517688 °	38.517688 °
				-121.748509 °	-121.748509 °
DWR ID	DWR_ST0007_01_s_2014_37				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	6.96	Rating **	M	Issue No.	14
LM End	6.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.517704 °	38.517704 °
				-121.750734 °	-121.750734 °
DWR ID	DWR_ST0007_01_s_2013_14				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	6.97	Rating **	M	Issue No.	12
LM End	6.97	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.517362 °	38.517355 °
				-121.751778 °	-121.752824 °
DWR ID	DWR_ST0007_01_f_2014_12				
Action/Comments					
Inspector Comments: 2011 - The toe to mid-bank is slumping. Large tree pop-outs have furthered the erosion. Slope is slightly steeper than 1:1. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: PUC_7-2_L]					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	7.02	Rating **	U	Issue No.	42
LM End	7.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.517633 °	38.517586 °
				-121.751856 °	-121.752444 °
DWR ID	DWR_ST0007_01_s_ 2014_42				
Action/Comments					
Trees / Woody Vegetation					
Inspector Comments: This tree needs to be removed before it falls and causes problems to the levee section and or cause injury to pedestrians.					

Photo 1 of 1 : FA_2014_ST0007_282_42_20141126_00009.jpg



Unit 1 levee mile 7.02 on the waterwardside, a dead tree could cause damage to the levee section.

LM Start	7.03	Rating **	M	Issue No.	17
LM End	7.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.517565 °	38.517600 °
				-121.751940 °	-121.752697 °
DWR ID	DWR_ST0007_01_s_ 2012_17				
Action/Comments					
Fence					

No Photos

LM Start	7.05	Rating **	M	Issue No.	15
LM End	7.10	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.517594 °	38.517709 °
				-121.752335 °	-121.753241 °
DWR ID	DWR_ST0007_01_s_ 2013_15				
Action/Comments					
Fence					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	7.22	Rating **	M	Issue No.	32
LM End	7.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.518136 °	38.518292 °
				-121.757661 °	-121.759001 °
DWR ID	DWR_ST0007_01_s_2014_32				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	7.29	Rating **	M	Issue No.	23
LM End	7.73	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.518197 °	38.518231 °
				-121.757303 °	-121.759822 °
DWR ID	DWR_ST0007_01_s_2012_23				
Action/Comments					
Tree or limb Inspector Comments: At this location there are several oak tree saplings planted within the overflow area of the north levee of Putah Creek.					

No Photos

LM Start	7.51	Rating **	M	Issue No.	7
LM End	7.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.518440 °	38.518440 °
				-121.760027 °	-121.760027 °
DWR ID	DWR_ST0007_01_f_2014_7				
Action/Comments					
Inspector Comments: FS_ID:25932					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No Permit identified for crossing.					
FIELD_STRUCT_DESC: Fiber Optic line markers on East side of railroad tracks. No permit identified.					
FS Date: 5/7/2013 7:26:00 AM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	7.51	Rating **	M	Issue No.	13
LM End	7.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.518440 °	38.518440 °
				-121.760027 °	-121.760027 °
DWR ID	DWR_ST0007_01_f_2014_13				
Action/Comments					
Inspector Comments: FS_ID:33338					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No Permit identified for crossing.					
FIELD_STRUCT_DESC: Fiber Optic line markers on East side of railroad tracks. No permit identified.					
FS Date: 4/10/2014 2:26:19 PM					

No Photos

LM Start	7.51	Rating **	M	Issue No.	16
LM End	7.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.518440 °	38.518440 °
				-121.760027 °	-121.760027 °
DWR ID	DWR_ST0007_01_f_2014_16				
Action/Comments					
Inspector Comments: FS_ID:25931					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No Permit identified for crossing.					
FIELD_STRUCT_DESC: Fiber Optic line markers on East side of					
railroad tracks. No permit identified.					
FS Date: 5/7/2013 7:26:00 AM					

No Photos

LM Start	7.53	Rating **	M	Issue No.	19
LM End	7.53	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.518480 °	38.518480 °
				-121.760330 °	-121.760330 °
DWR ID	DWR_ST0007_01_f_2014_19				
Action/Comments					
Inspector Comments: FS_ID:33337 EP_NO: 5858 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: This pipeline needs to be marked as it was installed. There is no indication of location in the field. Indication marker not being present is not a flood hazard. Supervisor will call permittee. FIELD_STRUCT_DESC: 14-inch gas line through the levee 3.0 feet below the crown and under channel. (Permit No. 5858 - S.P. Trans. Co.) FS Date: 4/10/2014 2:26:06 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	7.79	Rating **	M	Issue No.	20
LM End	7.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.518970 °	38.518970 °
				-121.765090 °	-121.765090 °
DWR ID	DWR_ST0007_01_f _ 2014_20				
Action/Comments					
Inspector Comments: FS_ID:33332					
EP_NO: 6705					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Found a 4-inch pipe near toe of ramp at LM 7.805 but it could not be determined if this pipe crossed through the levee. No additional info is available for pipe location. Lat and long for this pipe: Lat: 38.51898120 Long: -121.765378980. Attempt to determine if this pipe crosses through levee.					
FIELD_STRUCT_DESC: 4-inch steel irrigation pipe 1.5 feet below the levee crown. Located approximately 110 feet east of the ramp at Levee mile 7.81. Also mentioned in permit # 5896 as a 3-inch steel pipe. (Permit No. 6705)					
FS Date: 4/10/2014 2:24:27 PM					

No Photos

LM Start	8.49	Rating **	M	Issue No.	43
LM End	8.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.521475 °	38.521475 °
				-121.776926 °	-121.776926 °
DWR ID	DWR_ST0007_01_s _ 2014_43				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	10/14/2014 10/14/2014	Herman Phillips

LM Start	8.59	Rating **	M	Issue No.	18
LM End	8.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.522267 °	38.522267 °
				-121.778525 °	-121.778525 °
DWR ID	DWR_ST0007_01_s_ 2013_18				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	8.71	Rating **	M	Issue No.	30
LM End	8.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.523227 °	38.523227 °
				-121.780175 °	-121.780175 °
DWR ID	DWR_ST0007_01_f_ 2014_30				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	8.87	Rating **	M	Issue No.	21
LM End	8.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.523999 °	38.523999 °
				-121.783037 °	-121.783037 °
DWR ID	DWR_ST0007_01_f_ 2014_21				
Action/Comments					
Inspector Comments: FS_ID:33320					
EP_NO: 10247					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: This pipe has been abandoned. The flap gate has not been removed and the pipe capped. The inlet has been capped with a steel plate. No concrete was used.					
FIELD_STRUCT_DESC: 48-inch drain pipe through the levee 15.0 feet below the crown. Flap gate on waterward end. Headwall on both ends. (ABO No.10247 U.C.D.)					
FS Date: 4/10/2014 2:21:41 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2014 Levee Inspection Results

Sacramento Maintenance Yard Putah Creek

Waterway			Bank	Unit Miles
Unit No. 02 Putah Creek or South Levee			Right	7.55
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/15/2014 - 04/15/2014		10/14/2014 - 10/14/2014	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	35
LM End	7.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.504635 °	38.522693 °
				-121.663179 °	-121.783693 °
DWR ID	DWR_ST0007_02_f_2014_35				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2014_ST0007_283_35_20141126_00008.jpg



Unit 2 Putah Creek landside levee mile 0.00 looking downstream.

LM Start	0.18	Rating **	M	Issue No.	3
LM End	0.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.505195 °	38.507461 °
				-121.663095 °	-121.662772 °
DWR ID	DWR_ST0007_02_s_2012_3				
Action/Comments					
Ditch					

No Photos

LM Start	0.18	Rating **	C	Issue No.	17
LM End	0.29	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.505195 °	38.507465 °
				-121.663095 °	-121.662772 °
DWR ID	DWR_ST0007_02_s_2012_17				
Action/Comments					
Ditch					
Inspector Comments: Landowner has backfilled ditch.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	0.55	Rating **	U	Issue No.	29
LM End	0.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510249 °	38.510249 °
				-121.667551 °	-121.667551 °
DWR ID	DWR_ST0007_02_s_ 2013_29				
Action/Comments					
Fence					
Inspector Comments: No new photo taken; this fence does not have a CVFPB Permit.					

Photo 1 of 1 : FA_2014_ST0007_283_29_20141126_00009.jpg



There is no permit for this fence and gate crossing levee crown roadway.

LM Start	1.02	Rating **	C	Issue No.	30
LM End	1.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511308 °	38.511501 °
				-121.675455 °	-121.675846 °
DWR ID	DWR_ST0007_02_s_ 2014_30				
Action/Comments					
Equipment					

No Photos

LM Start	1.64	Rating **	M	Issue No.	1
LM End	1.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.514250 °	38.514250 °
				-121.685980 °	-121.685980 °
DWR ID	DWR_ST0007_02_f_ 2014_1				
Action/Comments					
Inspector Comments: FS_ID:33400 EP_NO: 9139 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: There are no appropriate gas markers present on levee to indicate pipe location. Markers need to be installed. No danger to the levee FIELD_STRUCT_DESC: 8-inch gas line through the levee 3.0 feet below crown under channel and through Unit No. 1 levee. (Permit No. 9139 - DOW) FS Date: 4/10/2014 2:45:48 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	1.92	Rating **	C	Issue No.	33
LM End	1.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515261 °	38.515261 °
				-121.690952 °	-121.690952 °
DWR ID	DWR_ST0007_02_s_2014_33				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	2.05	Rating **	M	Issue No.	9
LM End	2.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.515356 °	38.515369 °
				-121.693168 °	-121.693268 °
DWR ID	DWR_ST0007_02_s _ 2013_9				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	2.10	Rating **	M	Issue No.	22
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.515348 °	38.515398 °
				-121.694042 °	-121.694590 °
DWR ID	DWR_ST0007_02_s_2012_22				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	2.10	Rating **	M	Issue No.	23
LM End	2.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.515350 °	38.515385 °
				-121.694110 °	-121.694558 °
DWR ID	DWR_ST0007_02_s_2012_23				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	2.37	Rating **	M	Issue No.	16
LM End	2.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515327 °	38.514965 °
				-121.697702 °	-121.702630 °
DWR ID	DWR_ST0007_02_f_2014_16				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	2.90	Rating **	M	Issue No.	19
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514975 °	38.515147 °
				-121.707060 °	-121.711668 °
DWR ID	DWR_ST0007_02_f_2014_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	2.91	Rating **	M	Issue No.	20
LM End	3.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514990 °	38.515155 °
				-121.707355 °	-121.711927 °
DWR ID	DWR_ST0007_02_f_2014_20				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	3.26	Rating **	M	Issue No.	2
LM End	3.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515161 °	38.515161 °
				-121.713634 °	-121.713634 °
DWR ID	DWR_ST0007_02_f_2014_2				
Action/Comments					
Inspector Comments: FS_ID:33392					
EP_NO: 2273A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: WS shoulder air vent looks broken and needs marker					
FIELD_STRUCT_DESC: 1 of 2: 18-inch irrigation pipe through the					
levee 2.0 feet below the crown. Pump on well on landward side. 18-inch					
standpipe on WS toe. Fresno valve on LS toe and air vent on WS					
shoulder. 36-inch standpipe on landward side. (Permit No. 2273-A -					
Schoeningh)					
FS Date: 4/10/2014 2:43:17 PM					

No Photos

LM Start	3.35	Rating **	M	Issue No.	21
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515257 °	38.515280 °
				-121.715295 °	-121.717570 °
DWR ID	DWR_ST0007_02_f_2014_21				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	3.80	Rating **	M	Issue No.	24
LM End	4.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515508 °	38.515718 °
				-121.723395 °	-121.743915 °
DWR ID	DWR_ST0007_02_f_2014_24				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.28	Rating **	M	Issue No.	4
LM End	4.28	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515780 °	38.515780 °
				-121.731950 °	-121.731950 °
DWR ID	DWR_ST0007_02_f_2014_4				
Action/Comments					
Inspector Comments: FS_ID:33377					
EP_NO: 10820					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Signs for pipeline need to be updated to state Gas line. Current markers are insufficient.					
FIELD_STRUCT_DESC: 4-inch natural gas pipeline across the channel and levees of Putah Creek approximately 1/2 mile downstream from Davis Road. Installed 2 feet below crown. (Permit No. 10820)					
FS Date: 4/10/2014 2:39:19 PM					

No Photos

LM Start	4.36	Rating **	M	Issue No.	27
LM End	4.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515868 °	38.515830 °
				-121.733437 °	-121.737440 °
DWR ID	DWR_ST0007_02_f_2014_27				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	5.44	Rating **	M	Issue No.	13
LM End	5.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.515377 °	38.515418 °
				-121.752795 °	-121.756028 °
DWR ID	DWR_ST0007_02_f_2012_13				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	5.96	Rating **	M	Issue No.	5
LM End	5.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516140 °	38.516140 °
				-121.761920 °	-121.761920 °
DWR ID	DWR_ST0007_02_f_2014_5				
Action/Comments					
Inspector Comments: FS_ID:33361 EP_NO: 5858 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: According to owner this pipe is no longer in use but has not been abandoned to our standards. Need pipe company to mark location. Contacted Mark Jensen with Kinder Morgan and they are working to determine what kind of markers they should use to replace the missing ones (4/12/12). Ken at 916-416-7938 is working issue. FIELD_STRUCT_DESC: 14-inch petroleum gasoline through the levee 3.0 feet below the crown and under channel. (Permit No. 5858 - S.P. Pipelines). FS Date: 4/10/2014 2:33:35 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	5.96	Rating **	M	Issue No.	7
LM End	5.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516171 °	38.516171 °
				-121.762037 °	-121.762037 °
DWR ID	DWR_ST0007_02_f_2014_7				
Action/Comments					
Inspector Comments: FS_ID:33360					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: Fiber optic line markers on East side of railroad tracks. No permit identified for crossing. It appears they may be routed under the wes side of the railroad bridge inside a 6-inch steel conduit.					
FS Date: 4/10/2014 2:33:07 PM					

No Photos

LM Start	5.97	Rating **	M	Issue No.	8
LM End	5.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516256 °	38.516256 °
				-121.762204 °	-121.762204 °
DWR ID	DWR_ST0007_02_f_2014_8				
Action/Comments					
Inspector Comments: FS_ID:33359					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for crossing.					
FIELD_STRUCT_DESC: Fiber optic line markers on West side of railroad tracks. No permit identified for crossing.					
FS Date: 4/10/2014 2:32:54 PM					

No Photos

LM Start	6.42	Rating **	C	Issue No.	28
LM End	6.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.517417 °	38.517417 °
				-121.769950 °	-121.769953 °
DWR ID	DWR_ST0007_02_s_2012_28				
Action/Comments					
Note and monitor erosion site.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	6.54	Rating **	U	Issue No.	10
LM End	6.67	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.517596 °	38.518361 °
				-121.771910 °	-121.774050 °
DWR ID	DWR_ST0007_02_s_ 2014_10				
Action/Comments					
Tree or limb Inspector Comments: There are 62 unauthorized walnut trees planted on the waterward ward berm, no permit. During the Spring inspection 4-15-2014 no new photo was taken of this issue.					

Photo 1 of 1 : FA_2014_ST0007_283_10_20141126_00010.jpg



Levee miles 6.54 to 6.67 unauthorized tree plantings on the waterward berm with no permit. These trees were planted in 2012.

LM Start	6.59	Rating **	M	Issue No.	6
LM End	6.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.518088 °	38.518353 °
				-121.772947 °	-121.773935 °
DWR ID	DWR_ST0007_02_s_ 2012_6				
Action/Comments					
Crops					

No Photos

LM Start	6.60	Rating **	M	Issue No.	12
LM End	6.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.517828 °	38.517828 °
				-121.773010 °	-121.773010 °
DWR ID	DWR_ST0007_02_f_ 2014_12				
Action/Comments					
Inspector Comments: FS_ID:33348					
EP_NO: 7279					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: There is no handle on the slide gate operation mechanism and there is a large rootball blocking the outlet on WS.					
FIELD_STRUCT_DESC: 48-inch pipe through the levee 26.0 feet below crown. Slide gate in concrete box on waterward slope of levee. Drop inlet and weir inlet at LS toe. Concrete headwall at outlet. Flap gate on waterward end is off. (App. No. 7279 - DOT)					
FS Date: 4/10/2014 2:29:24 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	6.63	Rating **	M	Issue No.	31
LM End	6.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518120 °	38.520068 °
				-121.773382 °	-121.777327 °
DWR ID	DWR_ST0007_02_f_2014_31				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	6.64	Rating **	M	Issue No.	36
LM End	6.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.518093 °	38.518647 °
				-121.773593 °	-121.774602 °
DWR ID	DWR_ST0007_02_s_2014_36				
Action/Comments					
Prunings					

No Photos

LM Start	6.65	Rating **	M	Issue No.	32
LM End	6.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.518215 °	38.518215 °
				-121.773767 °	-121.773767 °
DWR ID	DWR_ST0007_02_f_2014_32				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	6.65	Rating **	M	Issue No.	34
LM End	6.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518215 °	38.519948 °
				-121.773767 °	-121.777102 °
DWR ID	DWR_ST0007_02_f_2014_34				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	6.67	Rating **	M	Issue No.	37
LM End	6.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518332 °	38.518332 °
				-121.774049 °	-121.774049 °
DWR ID	DWR_ST0007_02_s_2014_37				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	6.68	Rating **	M	Issue No.	11
LM End	6.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.518404 °	38.519938 °
				-121.774158 °	-121.776952 °
DWR ID	DWR_ST0007_02_s_2012_11				
Action/Comments					
Material					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	6.79	Rating **	U	Issue No.	18
LM End	6.79	Issue Type +	En	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.522722 °	38.522722 °
				-121.784898 °	-121.784900 °
DWR ID	DWR_ST0007_02_s_ 2012_18				

Action/Comments

Building

Inspector Comments: Unit 2 Putah Creek approx. levee mile 6.79 the property owner has an underground wine cellar within the landward levee slope. We have no knowledge how long its been there. This site is under review in 2013. No new photo was taken 4-15-2014. Problem still being looked at by CVFPB.

Photo 1 of 1 : FA_2014_ST0007_283_18_20141008_00002.jpg



Unauthorized wine cellar.

LM Start	6.81	Rating **	M	Issue No.	15
LM End	6.81	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.519470 °	38.519470 °
				-121.776150 °	-121.776150 °
DWR ID	DWR_ST0007_02 f _ 2014_15				

Action/Comments

Inspector Comments: FS_ID:33346

EP_NO: 10276

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Pipe heavily clogged with soil. Will contact owner of pipe and ask to clean for inspection.

FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 6.0 feet below the crown. Slide gate on waterward end and headwalls on both ends.(ABO No. 10276 Schlages)

FS Date: 4/10/2014 2:28:29 PM

No Photos

LM Start	6.87	Rating **	A/W	Issue No.	14
LM End	6.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.519896 °	38.520832 °
				-121.777124 °	-121.778520 °
DWR ID	DWR ST0007 02 s 2012 14				

Action/Comments

Elderberries are blocking visibility and flood fight capability.

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	6.94	Rating **	M	Issue No.	25
LM End	6.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.520456 °	38.520456 °
				-121.777995 °	-121.777995 °
DWR ID	DWR_ST0007_02_s_2013_25				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	6.95	Rating **	M	Issue No.	38
LM End	7.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.520602 °	38.521467 °
				-121.778191 °	-121.779795 °
DWR ID	DWR_ST0007_02_s_2014_38				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: These elderberries at this location need to be trimmed.					

Photo 1 of 1 : FA_2014_ST0007_283_38_20141008_00006.jpg



Looking downstream at elderberry trees blocking the view of the waterward slope and toe. Photo taken 4-15-2014.

LM Start	7.01	Rating **	M	Issue No.	26
LM End	7.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.521061 °	38.521149 °
				-121.779060 °	-121.779216 °
DWR ID	DWR_ST0007_02_s_2013_26				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	10/14/2014 10/14/2014	Herman Phillips

LM Start	7.07	Rating **	C	Issue No.	39
LM End	7.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.521537 °	38.522311 °
				-121.779999 °	-121.781450 °
DWR ID	DWR_ST0007_02_s_2014_39				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	7.17	Rating **	M	Issue No.	40
LM End	7.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.522312 °	38.522344 °
				-121.781448 °	-121.781738 °
DWR ID	DWR_ST0007_02_s_2014_40				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement